

ABSTRACT

EFFECT OF THE USE OF MODULE TO IMPROVE STUDENT LEARNING ACHIEVEMENT IN LEARNING IN PRACTICE FRAIS SMK MUHAMMADIYAH PRAMBANAN

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The purpose of this research is to improve student achievement by using instructional media in the form of modules to support the learning process of milling machine do the work and determine the effect of the learning module is used to do work with a milling machine.

The method used in this research is experimental research used type of quasi experimental study. The research was conducted at SMK Muhammadiyah Prambanan Sleman in the grade 2 Department of Mechanical Machining. Data collection techniques used in this study booklet and assessment practices, in order to determine the level of student achievement. The technique used to analyze the data is descriptive quantitative analysis techniques disclosed in the distribution of scores and the percentage of category rating scale that has been determined after hypothesis testing using t-test.

The results of this study is that student achievement through several stages, namely pretest and posttest. The results of the pretest on learning to do the job milling machine is for experimental class 69 and class 70 controls, and posttest results for the experimental class for class 88 and control 73. Based on the results of the t-test is $t_{table} < t_{count}$ ($1.671 < 12.520$) concluded no effect of increased learning achievement of students using instructional media milling module is higher than the increase in achievement of learners with learning models do not use the module.

Keywords: Module, Achievement